APRIL/MAY 2025

FECP64A/CECP64A/BECP64A — SOFTWARE ENGINEERING

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is software?
2. Define Legacy Software.
3. State the elements of analysis model.
4. What is meant by Quality Functions Deployment?
5. What is data abstraction?
6. Define Coupling.
7. What is white box testing?
8. What is meant by verification and validation?
9. Define software quality.
10. Define process.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the framework activities in software engineering.

Or

(b) What characteristic differentiates WebApps from other software?

12. (a) How to validate the requirements in Software Engineering?

Or

(b) Classify the various Approaches in Requirements Modeling.

13. (a) Describe the Quality Attributes in Software design.

Or

(b) Narrate the concept of cohesion.

14. (a) What are the characteristics of testability?

Or

(b) Explain the Strategic Approach to Software Testing.

15. (a) What factors should be considered when the structure of software team is chosen?

Or

(b) Highlight the scope of the Software.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the attributes of Web Apps.

17. How to Eliciting Requirements in Software Requirements?

18. Pen down the Design Model Creating an Architectural Design.

19. Discuss in detail about black box testing.

20. Write in detail about project scheduling.

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